

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("20050126419").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/28 14:19
S3	2	("20050126419").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/27 17:31
S4	2	("3949673").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/27 19:05
S5	102	(102/317).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 15:02
S6	86	(102/319).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/29 14:14
S8	132	F42B003/02.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/28 17:26
S9	100230	((cartridge or shell or cas\$4) same (membrane or diaphragm or seal\$5) same (connect\$5 or coupl\$5))	US-PGPUB; USPAT	OR	ON	2006/05/28 14:23
S10	830	((cartridge or shell or cas\$4) same (membrane or diaphragm or seal\$5) same (connect\$5 or coupl\$5) same (explosive or propellant))	US-PGPUB; USPAT	OR	ON	2006/05/28 14:24
S11	90	((cartridge or shell or cas\$4) same (membrane or diaphragm or seal\$5) same (connect\$5 or coupl\$5) same (explosive or propellant) same (pierc\$5 or ruptur\$5 or tear\$5 or torn))	US-PGPUB; USPAT	OR	ON	2006/05/28 14:47
S12	90	((cartridge or shell or cas\$4) and (membrane or diaphragm or seal\$5) and (connect\$5 or coupl\$5) and (explosive or propellant) and (pierc\$5 or ruptur\$5 or tear\$5 or torn)).clm.	US-PGPUB; USPAT	OR	ON	2006/05/28 17:25
S13	12569	(membrane or diaphragm or seal\$5) and (explosive or propellant) and (pierc\$5 or ruptur\$5 or tear\$5 or torn)	US-PGPUB; USPAT	OR	ON	2006/05/28 14:53
S14	22394	"102"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/28 14:53

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S16	1073	(membrane or diaphragm or seal\$5) same (explosive or propellant) same (pierc\$5 or ruptur\$5 or tear\$5 or torn)	US-PGPUB; USPAT	OR	ON	2006/05/28 17:27
S17	285	S14 and S16	US-PGPUB; USPAT	OR	ON	2006/05/28 14:53
S18	102	(102/317).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 15:03
S20	20	S18 and (membrane or diaphragm or seal\$5)	US-PGPUB; USPAT	OR	ON	2006/05/28 15:38
S22	105	(102/320).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:13
S23	108	(102/332).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:15
S24	242	(102/331).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:21
S25	133	(102/314).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:25
S26	60	(102/315).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:29
S27	465	(102/313).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/28 16:29
S28	4	"691520"	DERWENT	OR	ON	2006/05/28 17:06
S29	46	(cartridge or shell or cas\$4) and (membrane or diaphragm or seal\$5) and (connect\$5 or coupl\$5) and (explosive or propellant) and (pierc\$5 or ruptur\$5 or tear\$5 or torn)	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:25
S31	3477	F42B003/\$3.ipc.	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:27
S32	414	(membrane or diaphragm or seal\$5) and (explosive or propellant) and (pierc\$5 or ruptur\$5 or tear\$5 or torn)	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:28
S33	6069	(membrane or diaphragm or seal\$5) and (explosive or propellant)	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:28
S34	20	S31 and S32	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:40
S35	236	S31 and S33	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:30
S36	216	S35 not S34	EPO; JPO; DERWENT	OR	ON	2006/05/28 17:30
S37	86	(102/319).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/29 14:14

## EAST Search History

S38	5	S37 and resilient	US-PGPUB; USPAT	OR	ON	2006/05/29 14:14
S39	1	("2704031").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/29 14:45
S40	4	("2704031").URPN.	USPAT	OR	ON	2006/05/29 15:10
S41	60	(colo\$1r near5 cod\$5) and "102"/\$. ccls.	US-PGPUB; USPAT	OR	ON	2006/05/29 15:13
S42	6	(colo\$1r near5 cod\$5) and "86"/\$. ccls.	US-PGPUB; USPAT	OR	ON	2006/05/29 15:12